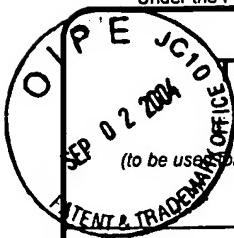


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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/805,131
Filing Date	03/19/2004
First Named Inventor	Bjoern Magnussen
Art Unit	2834
Examiner Name	Unknown
Attorney Docket Number	ELLIP-007USB

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	see Remarks
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		
Form PTO-1449 (in duplicate); Copies of disclosed references (2 search reports + 35 foreign references); and a return postcard.		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Lowell Anderson STETINA BRUNDA GARRED & BRUCKER
Signature	
Date	8/27/04

**CERTIFICATE OF TRANSMISSION/MAILING**

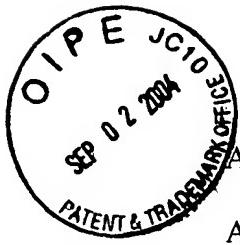
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below Washington, DC 20231 on this date:

Typed or printed name	Lisa Li
Signature	
	Date 8/30/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicants: Bjoern Magnussen *et al.* ) Examiner: Unknown  
Appl. No.: 10/805,131 )  
Filed: March 19, 2004 ) Group Art Unit: 2834  
For: PIEZOMOTOR WITH A GUIDE ) Confirmation No.: 3151  
\_\_\_\_\_  
)

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. SECTION 1.97**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Dear Sir/Madam:

Pursuant to 37 C.F.R. § 1.97, the following Supplemental Information Disclosure Statement is submitted as listed on form PTO-1449 enclosed herewith in duplicate. Copies of all non-U.S. Patent disclosure documents are attached hereto for the Examiner's review.

The disclosure documents listed on the attached form PTO-1449 were printed in the English language and/or accompanied by an Abstract published in the English language. The relevance of any non-English language references is explained in the abstracts, and/or in the accompanied PCT search reports (for International Application Nos. PCT/EP01/03245 and PCT/EP02/10559), and/or by comments provided below:

DE 2530045 C2 describes a motor with a stator and a rotor where the stator has at least one piezoelectric resonator that has a friction contact to the rotor. The resonator has at least one piezoelectric that is attached to the parallel surfaces of the resonator. The piezoelectric element is connected to an AC-voltage source. The polarization of the piezoelectric element is perpendicular to the electrode surface. The dimension of the resonator is designed to have a longitudinal resonance that is close to the frequency of the

AC voltage. The resonator is in driving communication with the rotor, so that the contact to the rotor causes bending or transversal vibrations that together drive the rotor.

DE 3833342 A1 describes a piezoelectric motor providing two selectable driving directions and a holding mode, comprising one driving element (2, 33, 133, 233) that generates mutually orthogonal motion components (L, T) with selectable mutual phases (0°, 180°, 190°).

DE 3920726 C2 describes an ultrasonic oscillator 1 with piezoelectric elements 2. A resonator 4 is connected to the piezoelectric elements 2. The resonator has one or several slanted surfaces 9 wherein at the front end of resonator 4 elliptic oscillations are generated. The ultrasonic oscillator 1 can be used as a driver of a motor 20 that has a rotor 22.

DE 3309239 C2 discloses a piezoelectric motor with two resonators each having a separate resonant frequency defined by the dimensions of the respective resonator. The frequencies are sufficiently close to produce a mechanical phase shift in the resonators so that no electric difference of the input signal 8 is necessary.

DE 19928780 discloses a piezoelectric actuator configuration.

EP 0231940 A2 shows a piezoelectric drive used as a motor (Fig. 1) or mist generator (Fig. 2), and uses two masses (2 & 3) connected by a tube shaped part 6 that encloses the piezoceramic body 4.

EP 0643427 B1 has claims written in English. Claim 1 refers to an electric motor with at least one pair of transducers (1, 1', 2', 101, 102) each comprising a vibrating element. These transducers are located collinearly in order to generate longitudinal vibrations in the direction of the axis of alignment, in permanent contact via one of their ends with a support structure (70, 15, 24, 38, 39, 46, 51, 60, 66, 104, 107) and via the other one of their ends with an elastic coupling means (3, 3', 103) to which the vibrations of the two transducers are applied. The transducers are excited so that their vibrating elements vibrate at one and the same frequency, depending on the alignment of the transducers, but with a phase shift of 90°, and at least one element (4, 10, 11, 25, 36, 37, 49, 50, 62, 63, 106) frictionally driven by the coupling means whose zone of contact with the driven element is given a circular or elliptical movement, motor wherein the coupling means is an elastic component in contact at two opposed points with the

transducers, and exhibiting symmetry relative to a plane perpendicular to the line of action of the transducers and a section, along a plane containing this line of action, of at least approximately elliptical, particularly circular or semi-elliptical shapes.

SU 1278994 shows a mounting arrangement for vibratory motors.

An article by W. Krause and W. Schinkothe, titled "Lineardirektantriebe für die Feinwerktechnik [Direct-Drive Linear Motors in Precision Engineering]", which was published in *Feinwerktechnik & Messtechnik [Precision Engineering and Measurement Engineering]*, Issue 98, No. 7-8, Munich, 1990. It describes a piezoelectric linear motor.

No representation is made that the references disclosed herein legally constitute prior art, or that more relevant references are not available. The references listed herein, when taken alone or in combination, are not believed to disclose nor make obvious the invention as claimed in the subject application.

As this Information Disclosure Statement is being submitted before the stipulated three months from the filing date of the application and/or before the mailing of a first Office Action, it is believed that no fee is required. If any additional fee is required, please charge Account Number 19-4330.

Respectfully submitted,

Dated: 8/27/04

By: Lowell Anderson  
Lowell Anderson  
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Modified) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
ELLIP-007USB

SERIAL NO.  
10/805,131

SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(37 CFR 1.98(b))

APPLICANTS  
Magnussen et al.

FILING DATE  
03/19/2004

GROUP  
2834

U.S. PATENT DOCUMENTS

	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
	6563253	05/13/2003	Diefenbach et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
2	DE2530045	07/04/1975	Deutschland				
3	DE3833342	09/30/1988	Deutschland				
4	DE3920726	06/24/1989	Deutschland				
5	DE3309239	09/12/1991	Deutschland				
6	DE4127163	02/18/1993	Deutschland				
7	DE19507996	09/12/1996	Deutschland				
8	DE19538978	11/21/1996	Deutschland				
9	DE19920436	11/09/2000	Deutschland				
10	DE19928780	01/04/2001	Deutschland				
11	EP0231940	02/04/1987	Europe				
12	EP0518262	12/16/1992	Europe				
13	EP0313072	05/05/1993	Europe				
14	EP0569673	11/18/1993	Europe				
15	EP0712170	05/15/1996	Europe				
16	EP0725450	08/07/1996	Europe				
17	EP0643427	11/19/1997	Europe				
18	EP0924778	01/17/2001	Europe				
19	EP0951078	10/20/1999	Europe				
20	EP1089424	04/04/2001	Europe				
21	GB1510091	05/10/1978	Great Britain				
22	JP62217880	09/25/1987	Japan				
23	JP1030467	02/01/1989	Japan				
24	JP2260476	10/23/1990	Japan				
25	JP02260582	10/23/1990	Japan				
26	JP04351200	12/04/1992	Japan				
27	JP06286401	10/11/1994	Japan				
28	JP08019275	01/19/1996	Japan				
29	WO9750134	12/31/1997	PCT				
30	WO141228	07/06/2001	PCT				
31	SU1278994	07/05/1994	Former Soviet Union				

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. ELLIP-007USB	SERIAL NO. 10/805,131
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANTS Magnussen et al.	
(37 CFR 1.98(b))		FILING DATE 03/19/2004	GROUP 2834

**OTHER DOCUMENTS (Including Author, Title, Date , Relevant Pages, Place of Publication)**

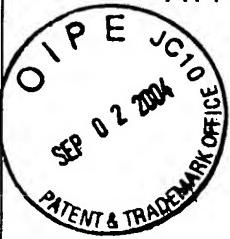
EXAMINED AND SERIALIZED BY M. A. BROWN, CHIEF AUTOMOBILE INSPECTOR, ON THE DATE OF RECEIPT, AND INDEXED AND FILED ON THE DATE OF THIS CERTIFICATE.

**Atty: Lowell Anderson**  
**STETINA BRUNDA GARRIED & BRUCKER**  
75 Enterprise, Suite 250  
Aliso Viejo, CA 92656  
(949) 855-1248

PATENTS

IDS1449.PTQ

ATTORNEY DOCKET NO: ELLIP-007USB



**Certificate of Mailing under 37 CFR 1.8 or 37 CFR 1.10**

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(Signature)  
Lisa Li  
(Typed name of person signing certificate)

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

1. Transmittal
2. Supplemental Information Disclosure Statement
3. Form PTO-1449 (in duplicate)
4. Copies of disclosed references (2 search reports + 35 foreign references)
5. A Return Postcard